

State Injury Profile for Mississippi

About the State Injury Profiles...

Following this introduction you will find the injury profile for your state and the nation. The maps and tables contain information on injury deaths and death rates; however, it is important to remember that hundreds of thousands of Americans are nonfatally injured each year, many of whom suffer permanent disabilities. Your state injury profile includes:

- The 10 leading causes of death by age group for your state and the nation. These charts contain the total number of deaths for the three-year period 1995 through 1997. The summary table at the bottom of each page shows the total number of injuries across all ages for the same three-year period and the average number of deaths per year.
- The tables on the next page show the number of deaths for your state and the nation for the leading causes of injury death (separated by the type of injury—unintentional, suicide, and homicide) for the same three-year period.
- The next pages contain U.S. maps indicating the death rate per 100,000 persons for all states over a three-year period (1995-1997) for the leading causes of injury death. Beneath each map is a graph showing the death rate over a 10-year period (1988-1997). These maps and graphs will allow you to compare death rates for your state to other states and understand the 10-year trend in your state compared to the U.S. trend.
- The last two maps in the Profile give death-rate data and 10-year trends for two of the most frequent and disabling types of injury-related deaths: traumatic brain injury-related deaths, which can be caused by falls, firearms, motor-vehicle crashes, or other causes; and firearm-related deaths, unintentional or the result of homicide or suicide.

This State Injury Profile 2000 is presented as an appendix to the Centers for Disease Control and Prevention (CDC) Injury Fact Book, *Working to Prevent and Control Injury in the United States*. The Fact Book contains information regarding the cost of injury and the value of prevention, the work of CDC's National Center for Injury Prevention and Control, and the Safe USA Partnership Council. The Fact Book also contains fact sheets for many of the leading causes of injury death. Additional information can also be obtained from—

- The CDC National Center for Injury Prevention and Control web site: <http://www.cdc.gov/ncipc/>
- The CDC National Center for Injury Prevention and Control, Office of Planning, Evaluation, and Legislation: 770-488-4936
- Safe USA web site: <http://www.cdc.gov/safe/>
- Safe USA toll-free number: 1-888-252-7751

United States

10 Leading Causes of Deaths by Age Group: 1995-1997

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 19,113	Unintentional Injuries 6,432	Unintentional Injuries 4,734	Unintentional Injuries 5,614	Unintentional Injuries 41,018	Unintentional Injuries 38,858	Malignant Neoplasms 51,258	Malignant Neoplasms 134,242	Malignant Neoplasms 261,040	Heart Disease 1,834,538	Heart Disease 2,197,898
2	Short Gestation 11,760	Congenital Anomalies 1,922	Malignant Neoplasms 1,593	Malignant Neoplasms 1,491	Homicide 19,978	HIV 23,935	Unintentional Injuries 43,023	Heart Disease 104,809	Heart Disease 201,533	Malignant Neoplasms 1,147,043	Malignant Neoplasms 1,617,565
3	SIDS 9,438	Malignant Neoplasms 1,350	Congenital Anomalies 706	Homicide 1,023	Suicide 13,328	Suicide 17,825	Heart Disease 40,047	Unintentional Injuries 29,523	Bronchitis Emphysema Asthma 30,143	Cerebro-vascular 419,616	Cerebro-vascular 477,724
4	Respiratory Distress Synd. 4,117	Homicide 1,247	Homicide 510	Suicide 931	Malignant Neoplasms 4,919	Homicide 16,665	HIV 39,570	HIV 17,951	Cerebro-vascular 29,087	Bronchitis Emphysema Asthma 274,359	Bronchitis Emphysema Asthma 317,955
5	Maternal Complications 3,802	Heart Disease 680	Heart Disease 387	Congenital Anomalies 647	Heart Disease 3,106	Malignant Neoplasms 14,327	Suicide 19,938	Cerebro-vascular 16,960	Diabetes 24,987	Pneumonia & Influenza 226,837	Unintentional Injuries 283,912
6	Placenta Cord Membranes 2,871	Pneumonia & Influenza 504	HIV 288	Heart Disease 554	HIV 1,318	Heart Disease 10,097	Homicide 11,689	Liver Disease 16,300	Unintentional Injuries 20,719	Diabetes 138,117	Pneumonia & Influenza 253,099
7	Unintentional Injuries 2,356	HIV 411	Pneumonia & Influenza 221	Bronchitis Emphysema Asthma 294	Congenital Anomalies 1,254	Cerebro-vascular 2,118	Liver Disease 10,853	Suicide 14,317	Liver Disease 15,921	Unintentional Injuries 91,315	Diabetes 183,657
8	Perinatal Infections 2,321	Septicemia 236	Bronchitis Emphysema Asthma 143	Pneumonia & Influenza 184	Bronchitis Emphysema Asthma 684	Diabetes 1,881	Cerebro-vascular 8,281	Diabetes 12,589	Pneumonia & Influenza 10,830	Alzheimer's Disease 63,461	Suicide 92,722
9	Pneumonia & Influenza 1,409	Perinatal Period 222	Benign Neoplasms 132	HIV 180	Pneumonia & Influenza 630	Pneumonia & Influenza 1,724	Diabetes 5,581	Bronchitis Emphysema Asthma 8,395	Suicide 8,675	Nephritis 62,838	HIV 90,761
10	Intrauterine Hypoxia 1,355	Benign Neoplasms 189	Anemias 98	Cerebro-vascular 135	Cerebro-vascular 527	Liver Disease 1,690	Pneumonia & Influenza 4,335	Pneumonia & Influenza 6,405	Septicemia 5,350	Septicemia 52,315	Liver Disease 75,444

United States Total Number of Injury Deaths

Cause	Deaths	Percent
Unintentional Injury	283,912	64.5%
Intentional	156,434	35.5%
Total (1995-1997)	440,346	100.0%

Average Number of Injury Deaths per Year
In the United States = **146,782**

Mississippi

10 Leading Causes of Deaths by Age Group: 1995-1997

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 294	Unintentional Injuries 139	Unintentional Injuries 87	Unintentional Injuries 112	Unintentional Injuries 883	Unintentional Injuries 664	Heart Disease 719	Heart Disease 1,768	Heart Disease 3,185	Heart Disease 22,850	Heart Disease 28,843
2	SIDS 164	Homicide 26	Malignant Neoplasms 16	Homicide 23	Homicide 343	Homicide 285	Unintentional Injuries 664	Malignant Neoplasms 1,558	Malignant Neoplasms 3,141	Malignant Neoplasms 11,716	Malignant Neoplasms 17,354
3	Short Gestation 157	Congenital Anomalies 19	HIV 7	Heart Disease 17	Suicide 161	HIV 236	Malignant Neoplasms 658	Unintentional Injuries 458	Cerebro-vascular 477	Cerebro-vascular 4,438	Cerebro-vascular 5,436
4	Respiratory Distress Synd. 57	Heart Disease 13	Heart Disease 7	Suicide 14	Malignant Neoplasms 73	Heart Disease 192	HIV 245	Cerebro-vascular 308	Bronchitis Emphysema Asthma 369	Bronchitis Emphysema Asthma 2,604	Unintentional Injuries 4,705
5	Unintentional Injuries 51	Malignant Neoplasms 11	Homicide 5	Malignant Neoplasms 13	Heart Disease 52	Suicide 192	Homicide 244	Liver Disease 190	Unintentional Injuries 334	Pneumonia & Influenza 2,453	Bronchitis Emphysema Asthma 3,139
6	Pneumonia & Influenza 36	Pneumonia & Influenza 9	Congenital Anomalies 4	Congenital Anomalies 12	HIV 24	Malignant Neoplasms 164	Suicide 182	Suicide 140	Diabetes 254	Unintentional Injuries 1,310	Pneumonia & Influenza 2,877
7	Placenta Cord Membranes 30	Benign Neoplasms 6	Anemias 2	Pneumonia & Influenza 5	Pneumonia & Influenza 18	Cerebro-vascular 47	Cerebro-vascular 143	Diabetes 129	Pneumonia & Influenza 181	Diabetes 1,121	Diabetes 1,598
8	Perinatal Infections 29	4 Tied	Pneumonia & Influenza 2	Anemias 4	Congenital Anomalies 16	Diabetes 28	Liver Disease 100	Homicide 114	Liver Disease 162	Nephritis 919	Homicide 1,192
9	Maternal Complications 27	4 Tied	Septicemia 2	Bronchitis Emphysema Asthma 4	Bronchitis Emphysema Asthma 14	Pneumonia & Influenza 27	Diabetes 61	Bronchitis Emphysema Asthma 101	Nephritis 116	Septicemia 544	Nephritis 1,143
10	Neonatal Hemorrhage 23	4 Tied	5 Tied	Cerebro-vascular 2	Cerebro-vascular 11	Septicemia 21	Pneumonia & Influenza 47	Pneumonia & Influenza 99	Suicide 96	Alzheimer's Disease 503	Suicide 968

Mississippi Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	4,705	68.5%
Intentional Injury	2,160	31.5%
Total (1995-1997)	6,865	100.0%

Average Number of Injury Deaths per Year
In Mississippi = **2,288**

1995-1997 Leading Causes of Death

Unintentional Injury

United States Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	127,193	44.8%
Fall	33,633	11.8%
Poisoning	28,745	10.1%
Suffocation	12,987	4.6%
Drowning	12,360	4.4%
Fire/Burn	11,304	4.0%
Other Causes	57,690	20.3%
	283,912	100.0%

Mississippi Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	2,605	55.4%
Fall	394	8.4%
Fire/Burn	336	7.1%
Suffocation	227	4.8%
Drowning	225	4.8%
Other Causes	918	19.5%
	4,705	100.0%

Intentional Injury

United States Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	54,235	58.5%
Suffocation	15,960	17.2%
Poisoning	15,355	16.6%
Other Causes	7,172	7.7%
	92,722	100.0%

Mississippi Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	772	79.8%
Poisoning	93	9.6%
Suffocation	67	6.9%
Other Causes	36	3.7%
	968	100.0%

United States Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	43,684	68.6%
Cut/Pierce	7,647	12.0%
Suffocation	2,327	3.7%
Other Causes	10,054	15.8%
	63,712	100.0%

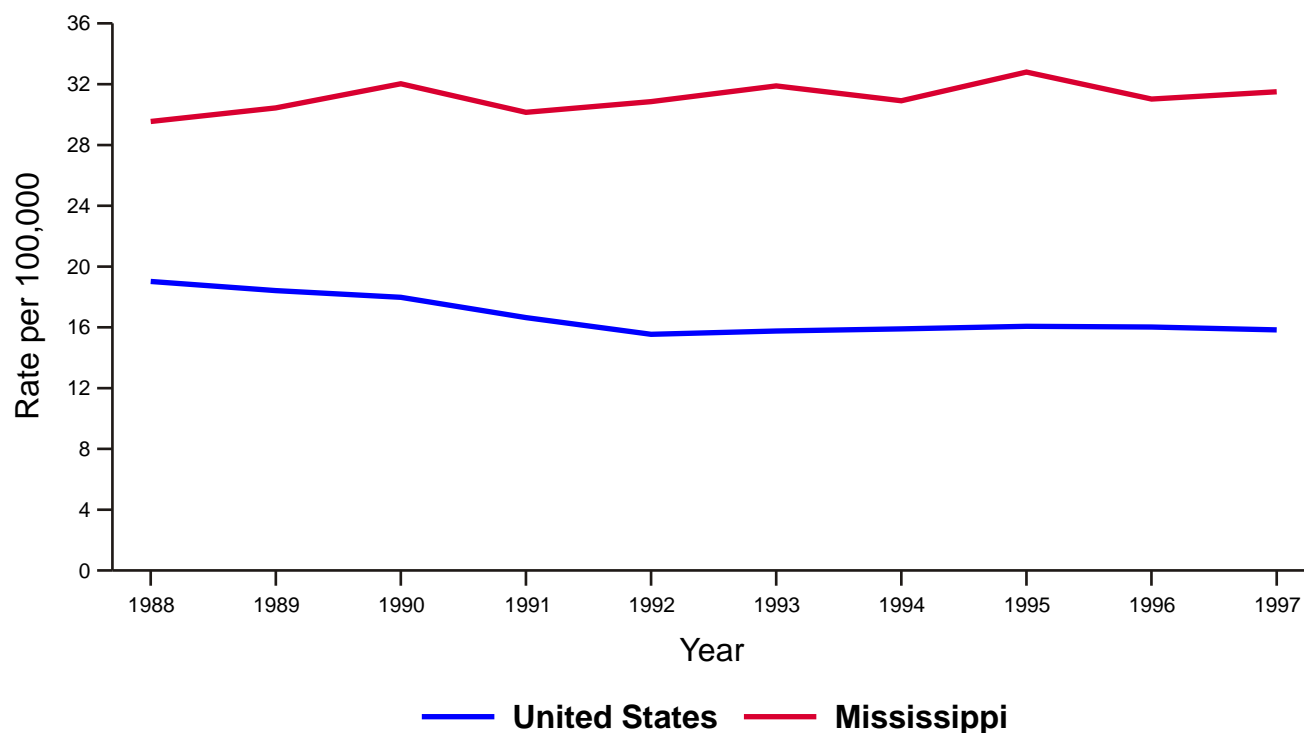
Mississippi Only Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	834	70.0%
Cut/Pierce	149	12.5%
Suffocation	28	2.3%
Other Causes	181	15.2%
	1,192	100.0%

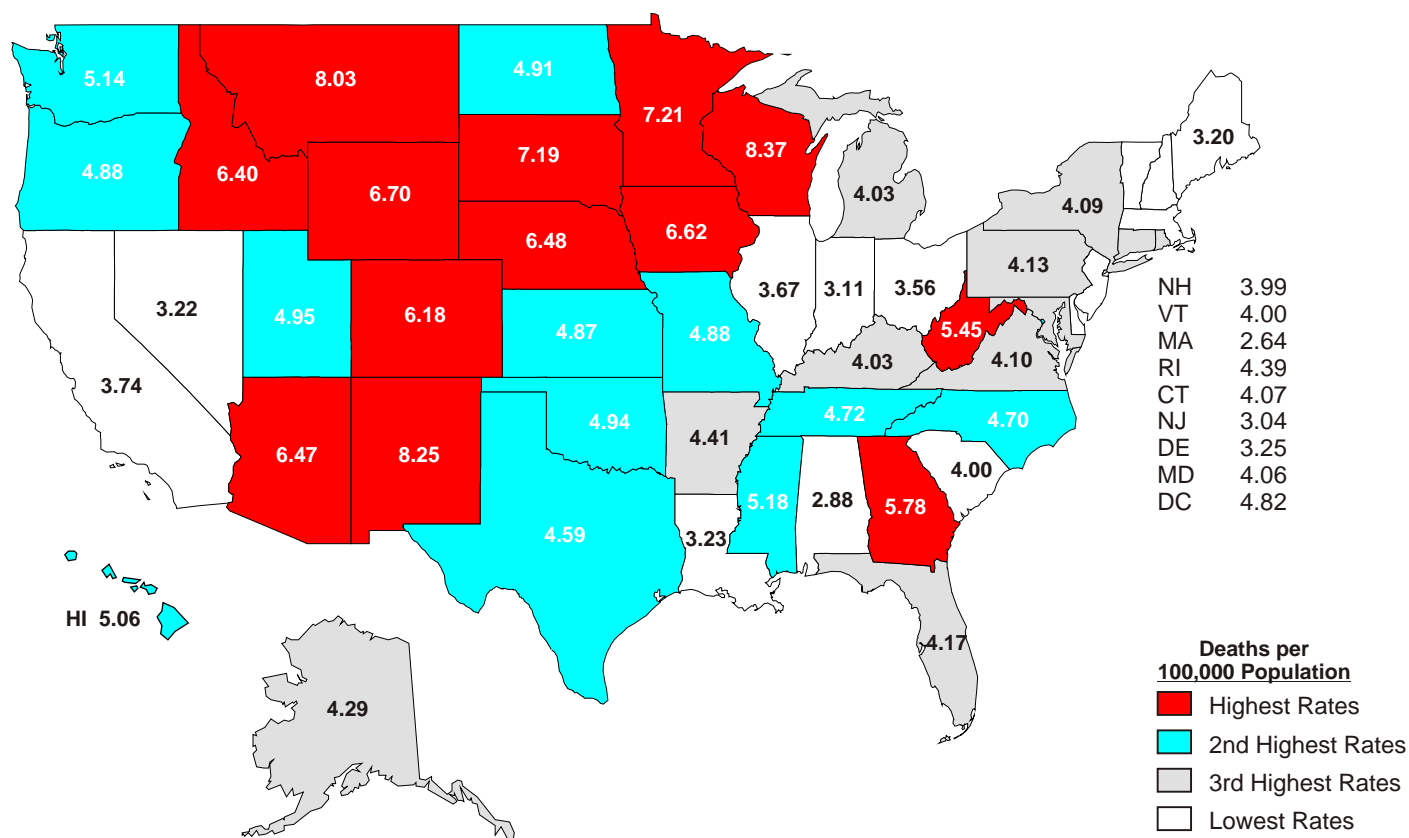
Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1995-1997



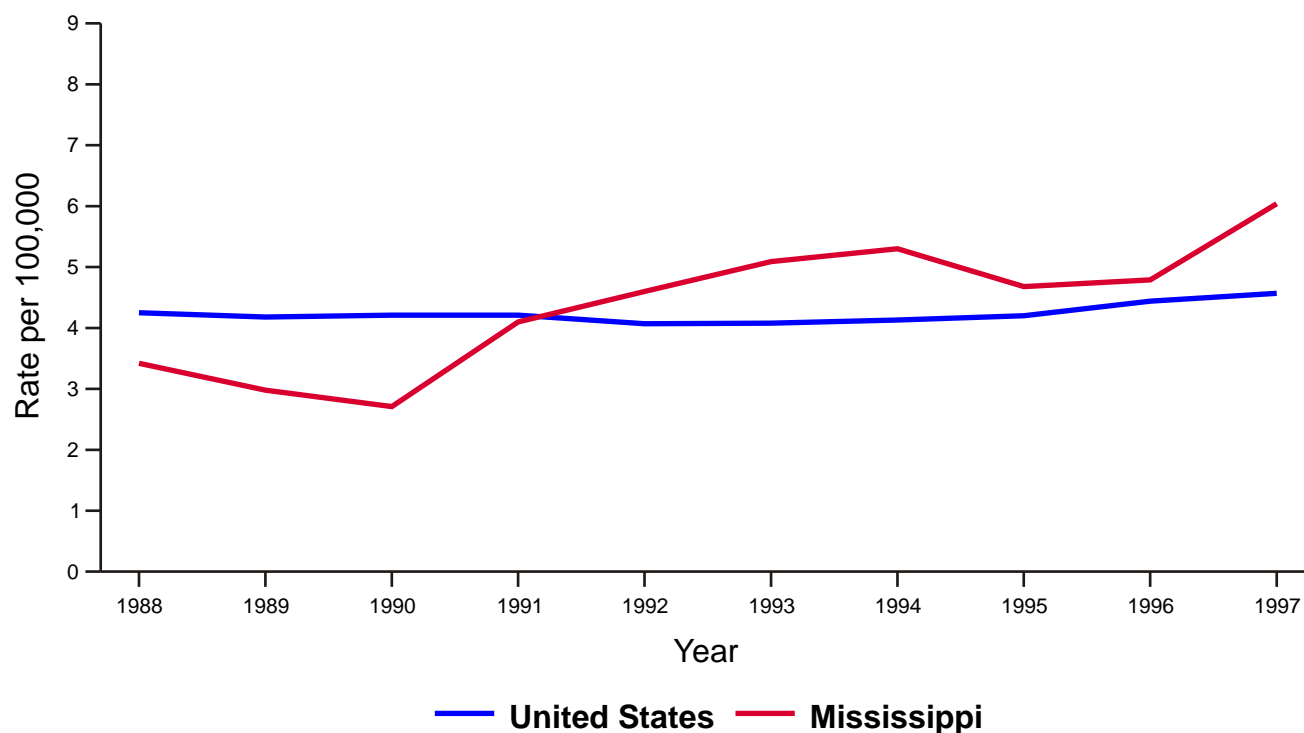
United States and Mississippi 1988-1997



Unintentional Fall Death Rates United States, 1995-1997



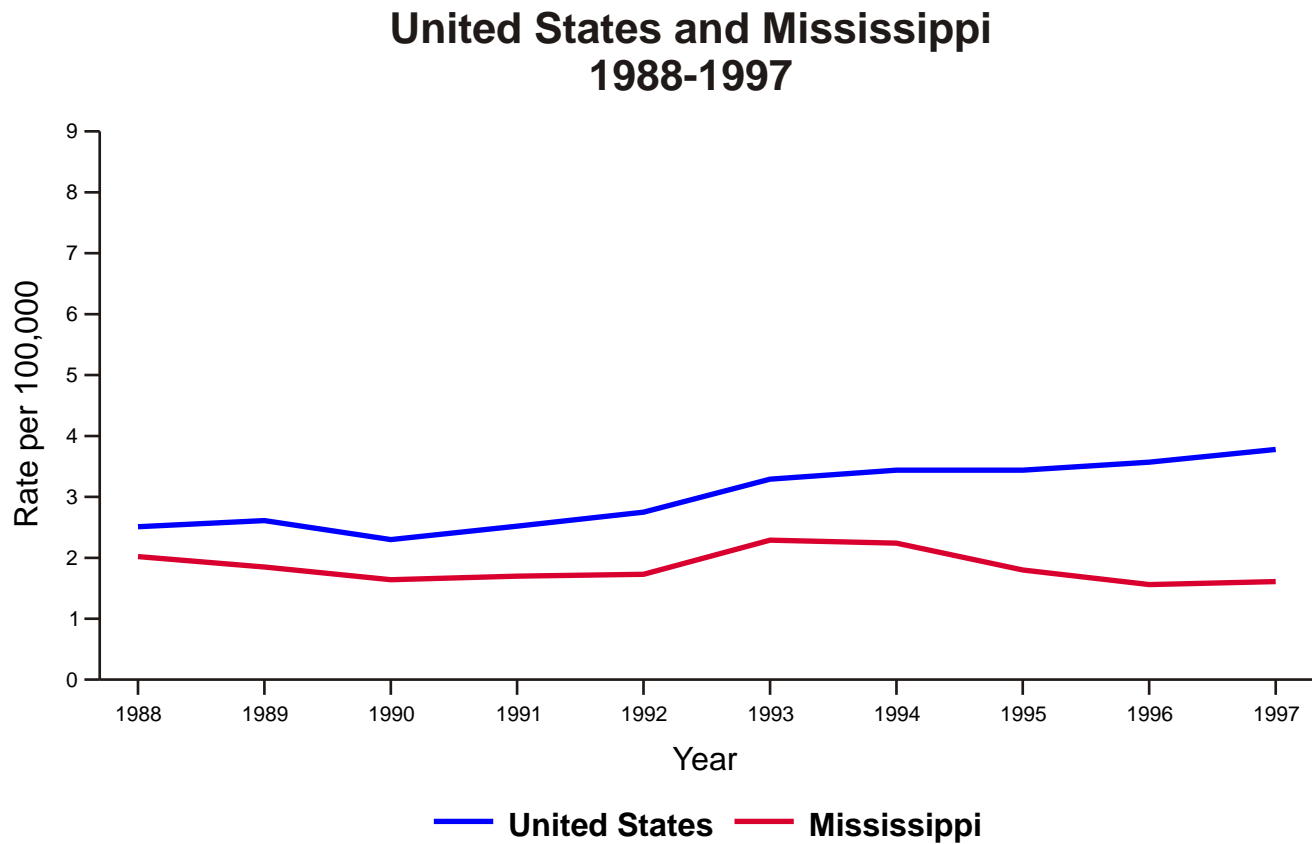
United States and Mississippi 1988-1997



Deaths per 100,000 Population

- Highest
- 2nd Highest
- 3rd Highest
- Lowest

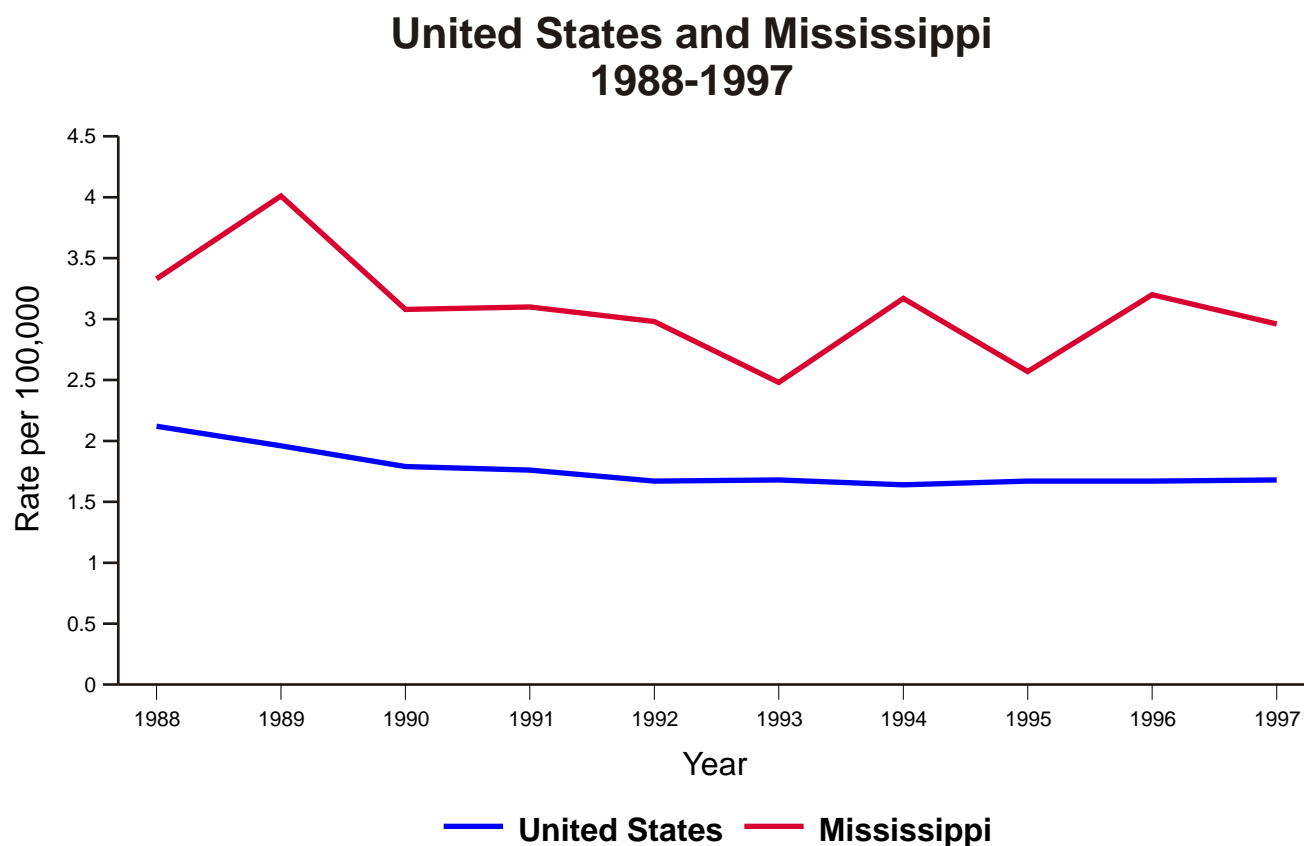
State	Deaths per 100,000 Population
NH	1.59
VT	1.60
MA	0.55
RI	0.86
CT	5.69
NJ	5.87
DE	5.07
MD	0.81
DC	2.77



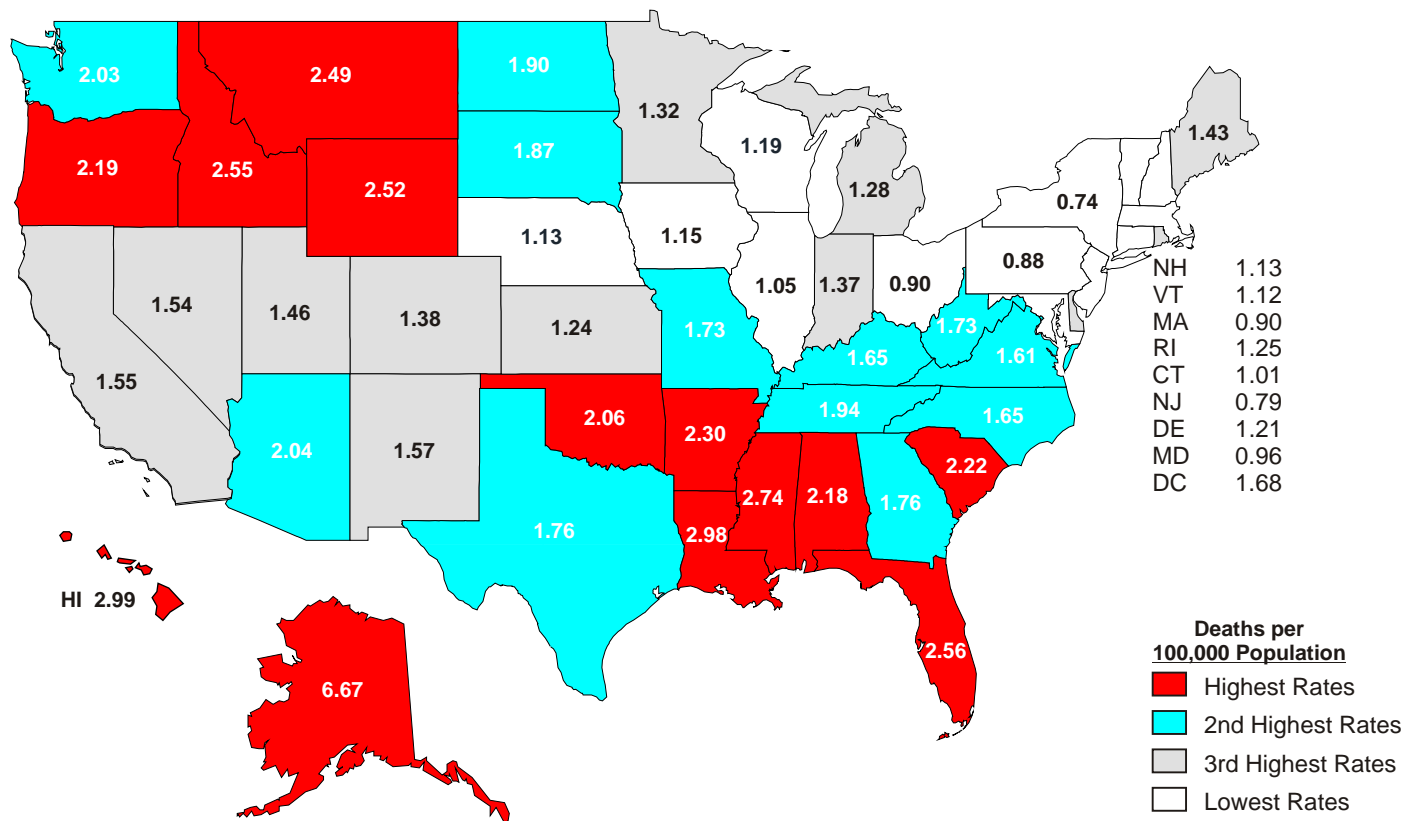
Deaths per 100,000 Population

- Highest Rates
- 2nd Highest Rates
- 3rd Highest Rates
- Lowest Rates

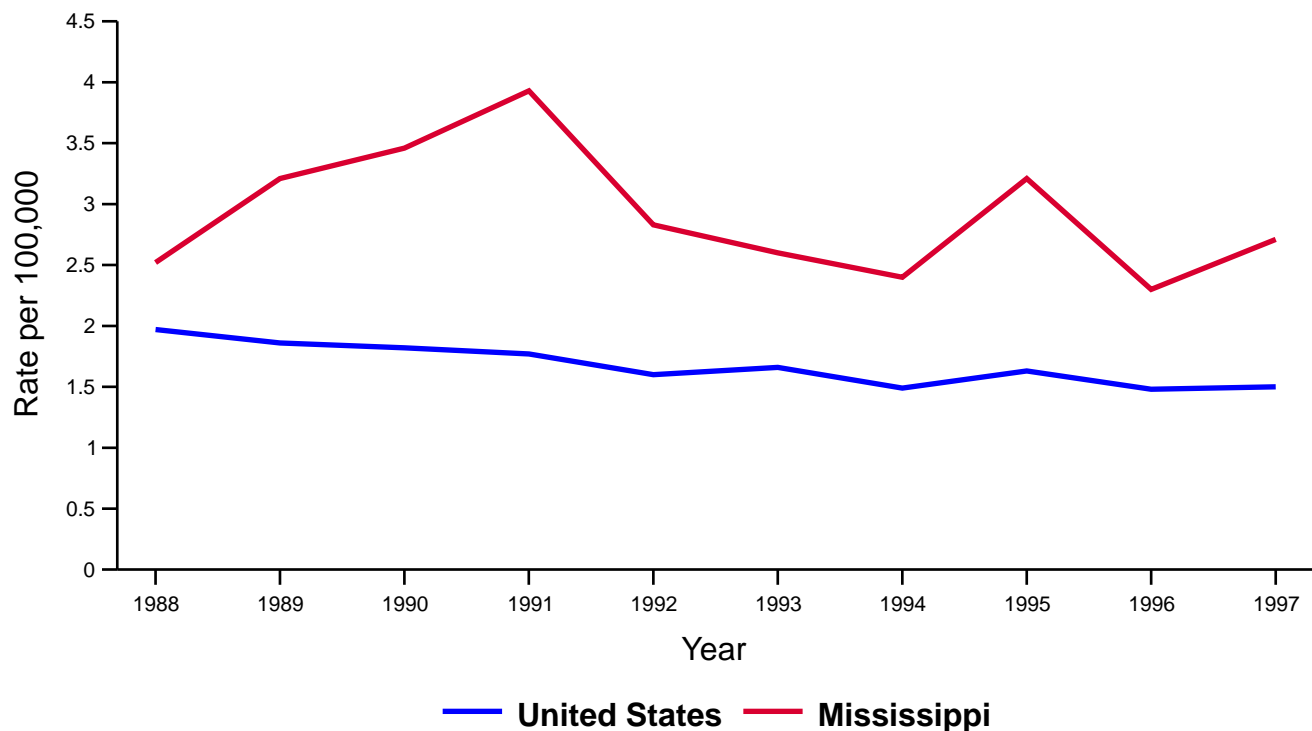
State	Rate
NH	1.53
VT	1.67
MA	1.36
RI	1.29
CT	1.64
NJ	1.33
DE	1.78
MD	1.77
DC	2.96



Unintentional Drowning Death Rates United States, 1995-1997



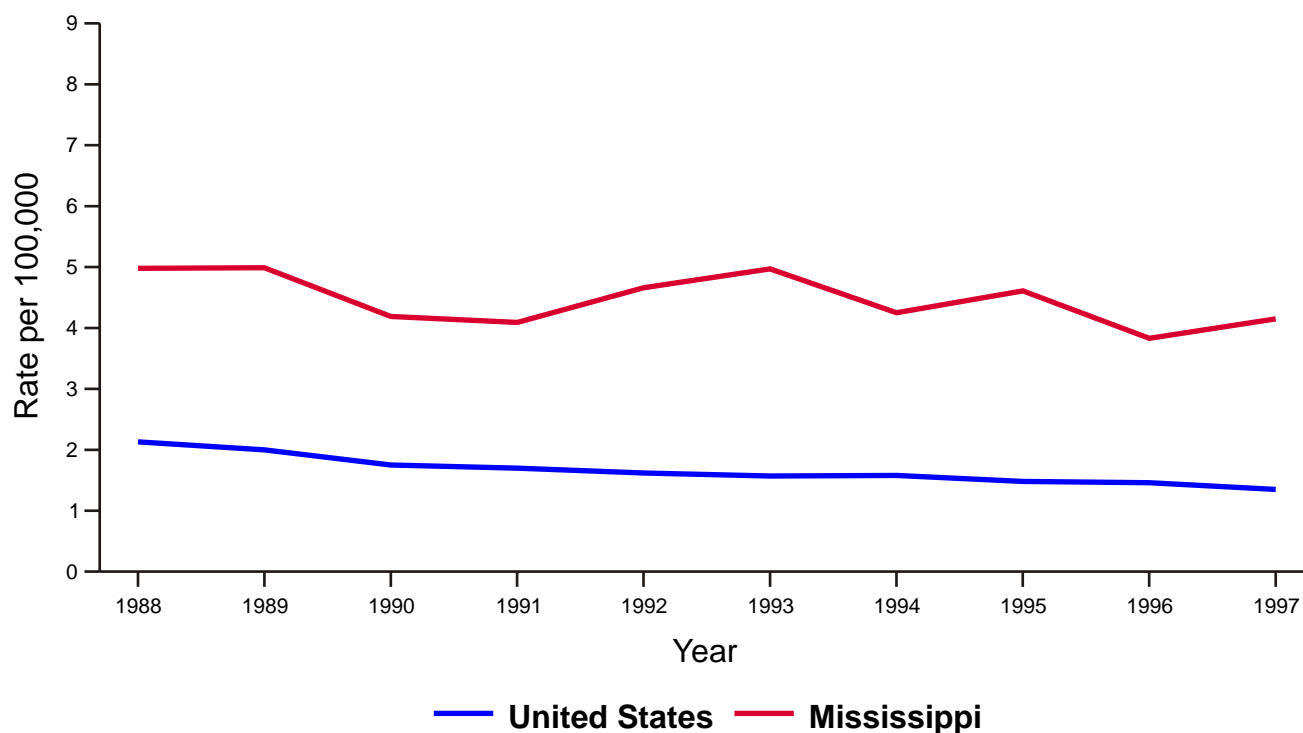
United States and Mississippi 1988-1997



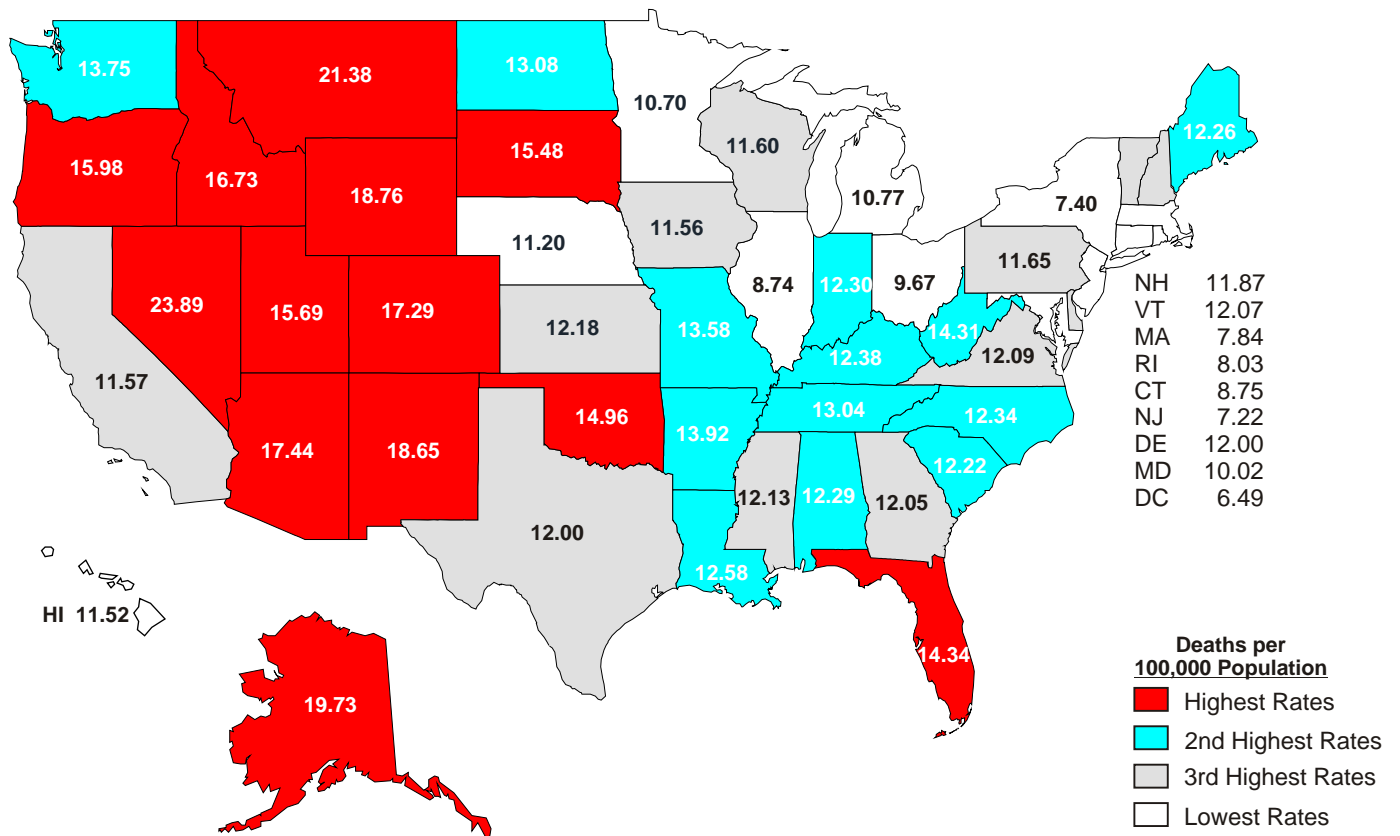
Unintentional Fire and Burn-Related Death Rates United States, 1995-1997



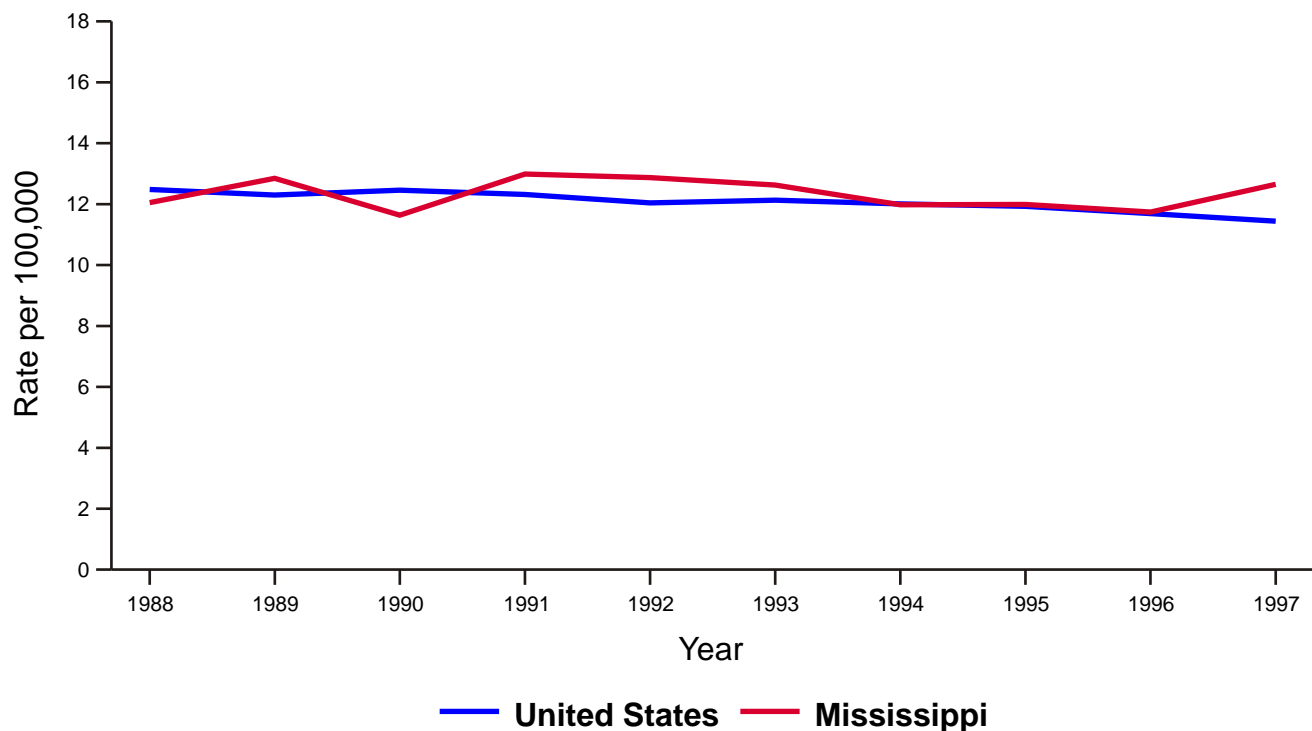
United States and Mississippi 1988-1997



Suicide Death Rates United States, 1995-1997



United States and Mississippi 1988-1997



Deaths per 100,000 Population

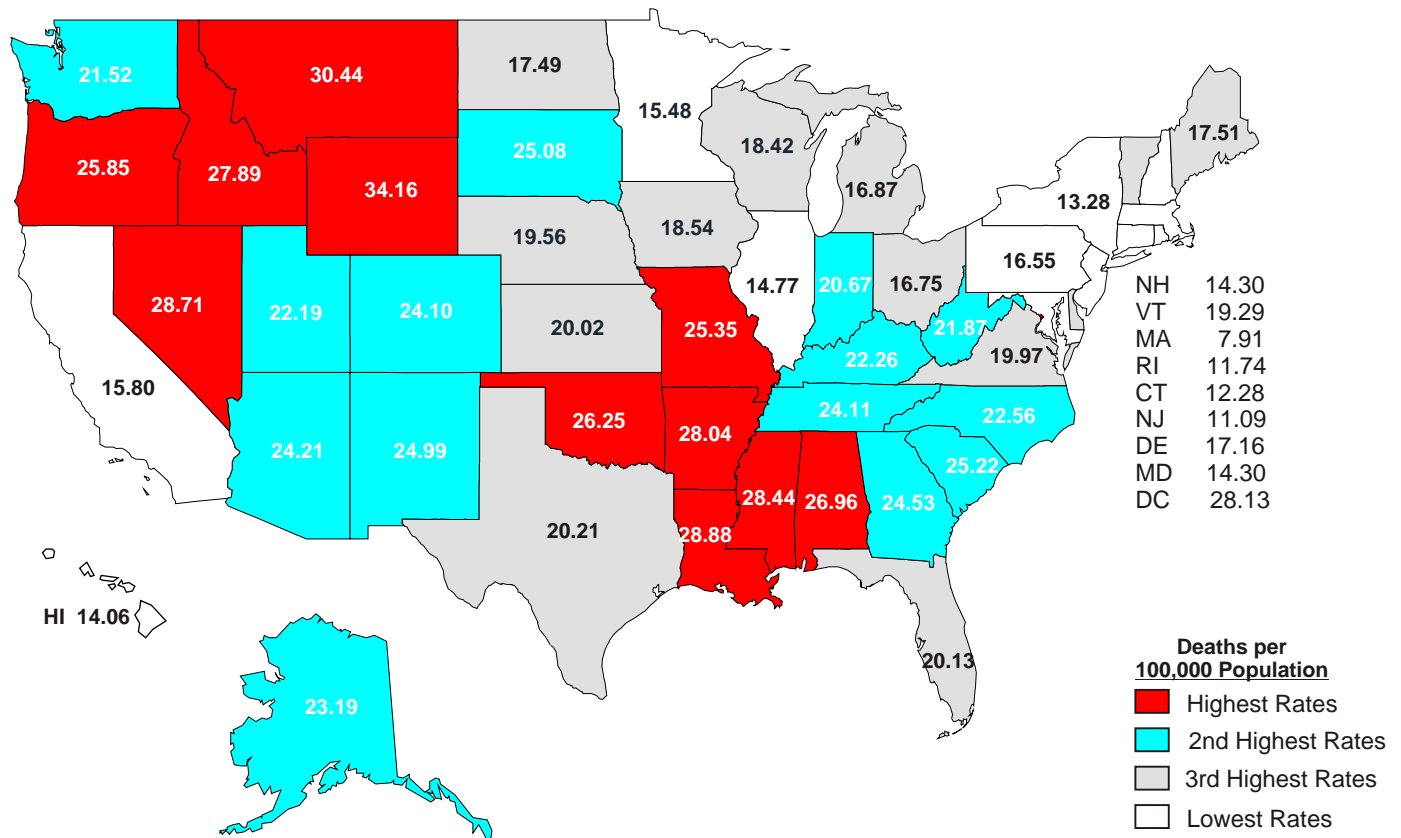
- Highest
- 2nd Highest
- 3rd Highest
- Lowest

State	Death Rate per 100,000 Population
CA	11.34
OR	9.66
AZ	10.53
NM	9.97
TX	8.17
OK	10.11
MO	11.04
LA	16.79
MS	14.40
AL	12.02
GA	10.24
SC	9.30
NC	9.07
VA	7.41
MD	11.66
DE	5.87
NJ	4.98
CT	4.74
RI	3.11
MA	3.07
VT	1.89
NH	1.86
ME	1.95
NY	6.45
PA	7.44
OH	4.50
IN	7.11
MI	8.60
WI	2.46
IL	10.34
IA	8.51
NE	3.63
KS	2.60
WY	1.87
MT	4.72
ND	3.56
SD	3.97
UT	4.51
WV	5.23
PA	5.96
WY	5.23
MT	4.72
ND	3.56
SD	3.97
UT	4.51
WV	5.23
PA	5.96
WY	5.23
MT	4.72
ND	3.56
SD	3.97
UT	4.51
WV	5.23
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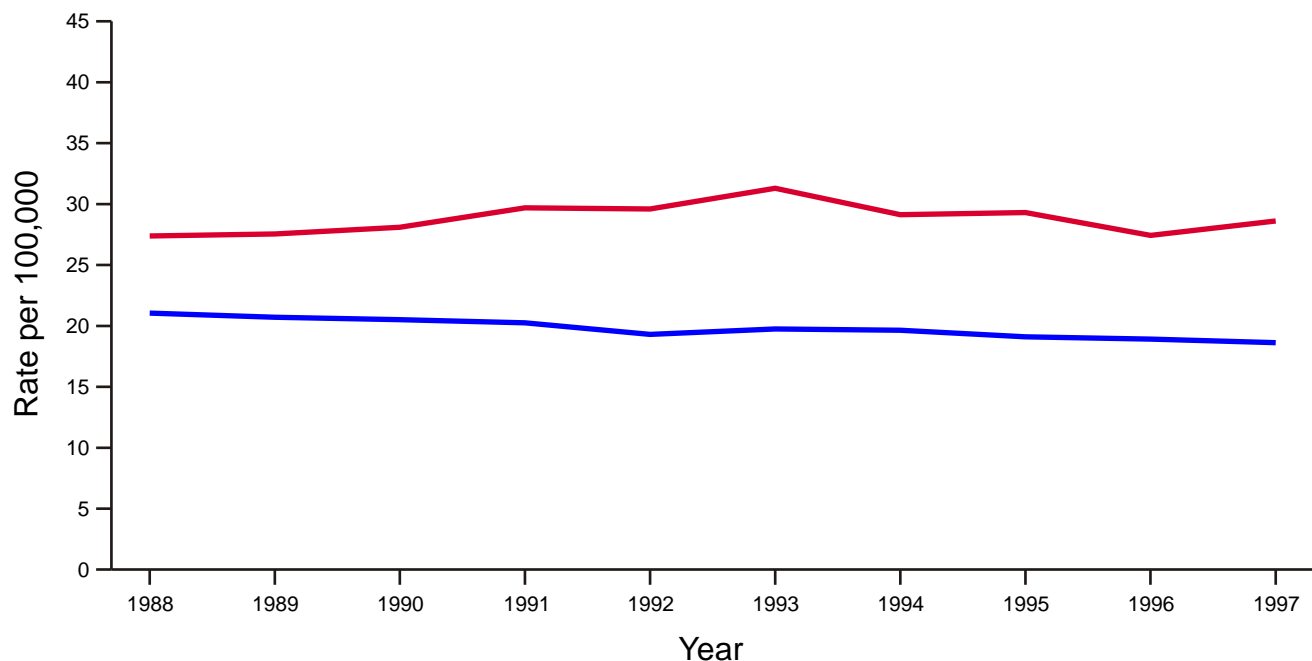
The graph displays the HIV infection rate per 100,000 people for the United States and Mississippi from 1988 to 1997. The y-axis, labeled 'Rate per 100,000', ranges from 0 to 27 in increments of 3. The x-axis, labeled 'Year', ranges from 1988 to 1997. The blue line represents the United States, and the red line represents Mississippi. Mississippi's rate is consistently higher than the national average, peaking in 1993 at approximately 18.2 per 100,000. The United States rate peaks in 1991 at approximately 10.0 per 100,000.

Year	United States (Rate per 100,000)	Mississippi (Rate per 100,000)
1988	8.5	12.2
1989	8.8	12.5
1990	9.5	14.5
1991	10.0	15.5
1992	9.5	17.0
1993	9.8	18.2
1994	9.2	16.8
1995	8.5	15.8
1996	7.8	13.8
1997	7.5	14.2

Traumatic Brain Injury-Related Death Rates* United States, 1995-1997

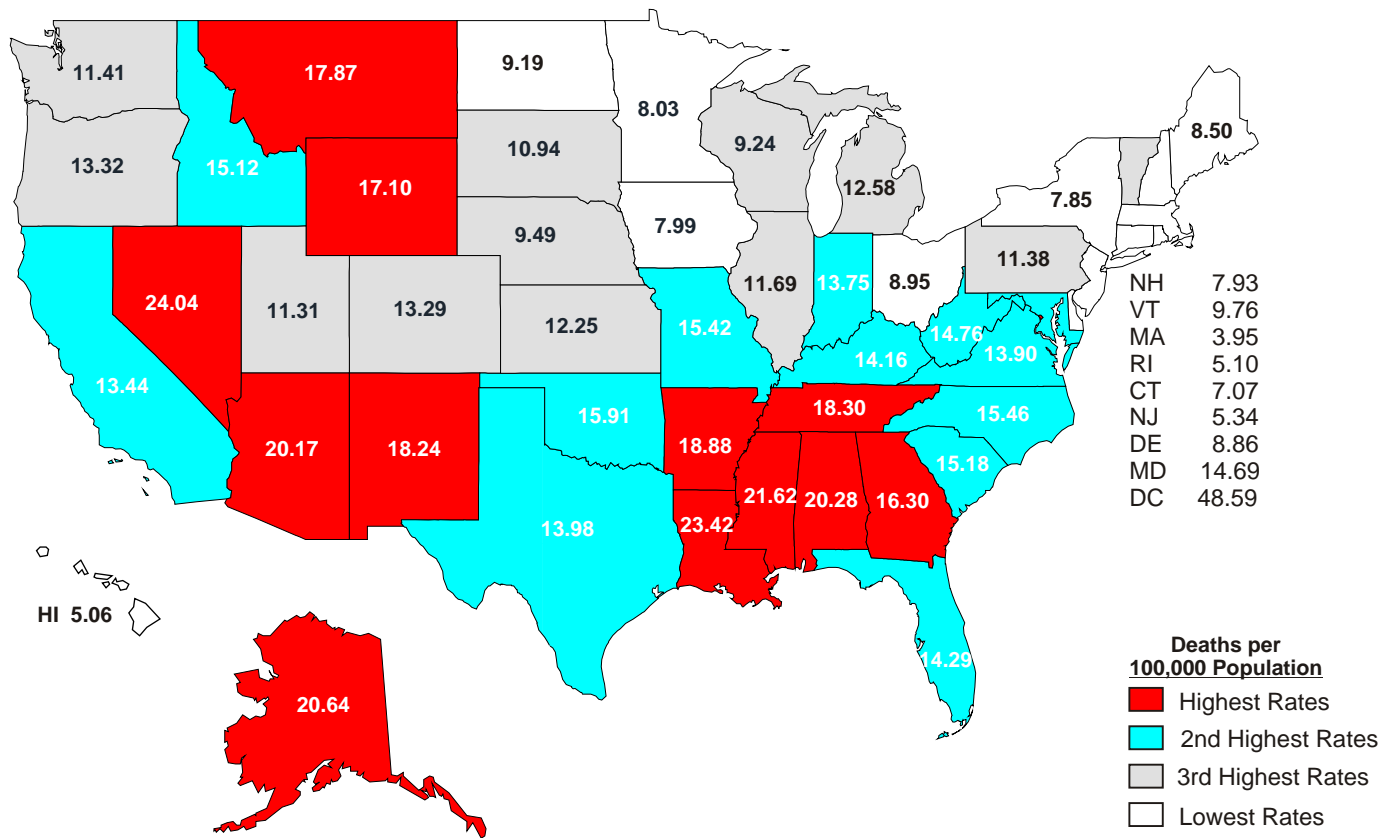


United States and Mississippi 1988-1997

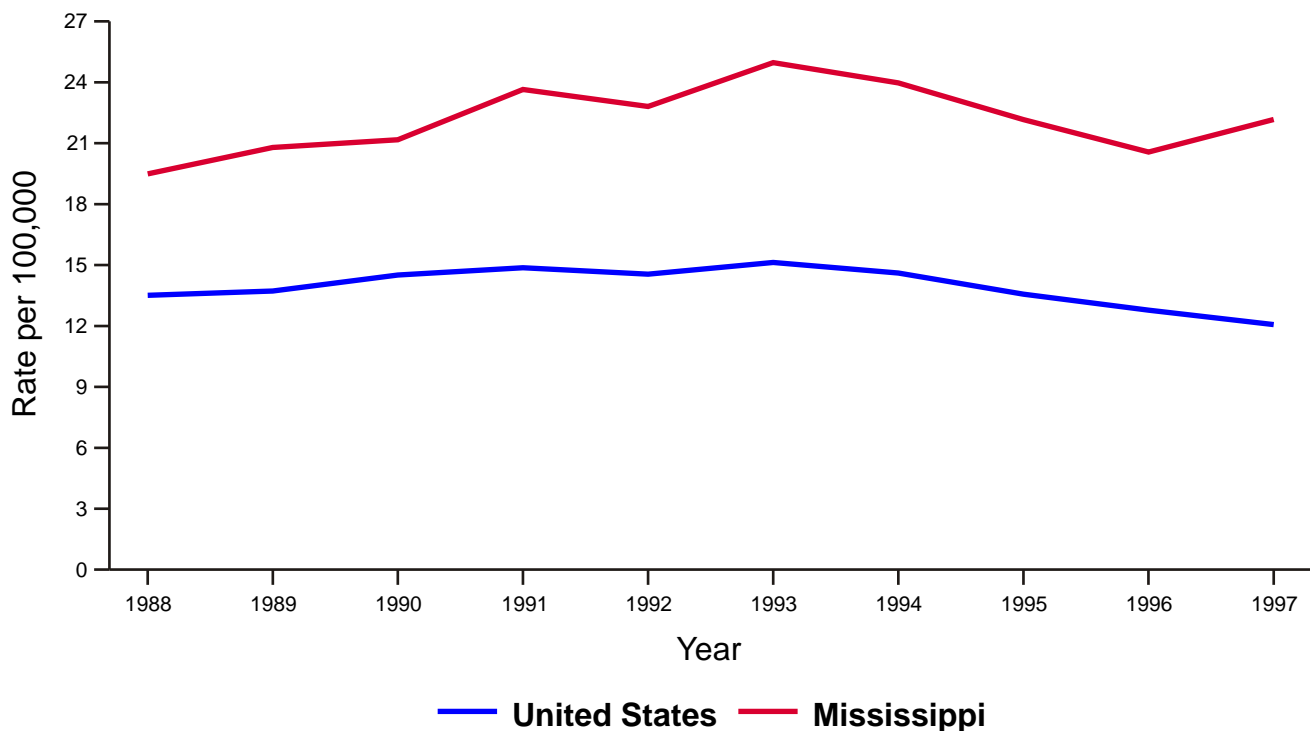


* Includes unintentional and intentional deaths from motor vehicles, firearms, falls, and other causes (of determined and undetermined intent).

Firearm-Related Death Rates* United States, 1995-1997



United States and Mississippi 1988-1997



* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

MISSISSIPPI INJURY CONTROL PROJECTS

Cooperative Agreements

The National Center for Injury Prevention and Control (NCIPC) currently funds the following work through three cooperative agreements in Mississippi:

- State Injury Intervention and Surveillance Program: a cooperative effort to develop or strengthen the capacity of State public health agencies to prevent and control injuries. A core injury prevention and control program possesses in some combination the following features and tools: (1) a coordinator of injury prevention activities; (2) an up-to-date profile of injuries within the State from existing data sources; (3) an advisory structure to utilize collaborative relationships with public and private sector groups; (4) relationships with organizations, agencies and individuals with interest or expertise in injury prevention or control; and (5) a current priority-driven State plan for injury prevention and control. NCIPC works directly with grantees to assist with their priority activities.
(Mississippi State Department of Health)
- Prevention of Fire-Related Injuries: a project to reduce the incidence of death and disability related to residential fires in Mississippi. Homes in need of smoke alarms will be identified through in-home social worker programs, perinatal high-risk management teams, early intervention programs, and local health department environmentalists. Local fire officials will conduct smoke alarm installations. Home safety, related to burn and fire prevention, will be demonstrated during home visits and at senior centers.
(Mississippi State Department of Health)
- Community-Based Primary Prevention Programs to Prevent Intimate Partner Violence: a project to reduce intimate partner violence (IPV) among youth aged 12–21 in the target population by changing current knowledge, attitudes, beliefs and behaviors that promote IPV in the South. The program will educate beginning level social work students, students in two local high schools and youth in four churches; provide behavioral modification sessions to youth whose parents are mandated to attend anger management programs and compare these youth to those whose parents are not mandated to attend; develop a replicable curriculum and evaluation plan that includes standard forms, evaluation materials, processed tracking procedures and reports; provide school and community-based primary prevention programs designed to promote healthy relationships and prevent dating violence among school-age youth; and develop an evaluation plan to assess the project.
(Our House, Inc., Greenville)

Research Grants

At present, there are no extramural research projects in Mississippi funded by the NCIPC.